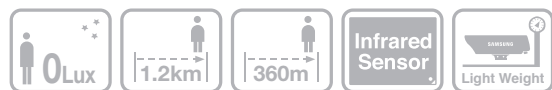


SCB-9080/9060

Weatherproof Thermal Camera

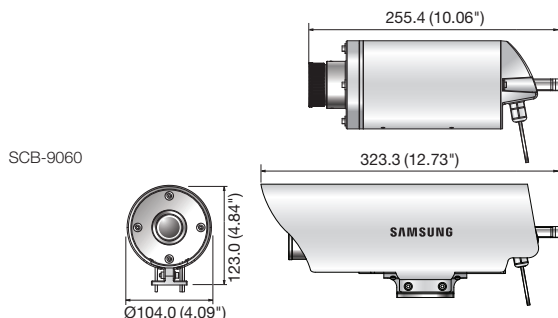
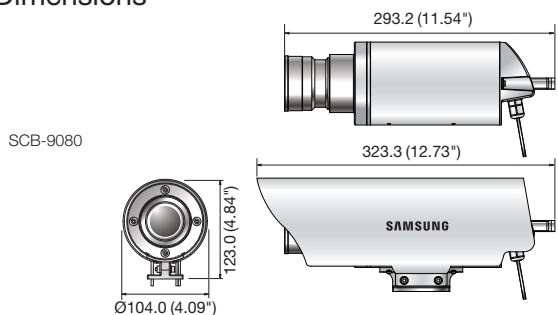


Key Features

- Outstanding detection without lighting 1.2km : SCB-9080
360m : SCB-9060
- Built-in 50mm, 0.47mrad : SCB-9080
14mm, 1.68mrad : SCB-9060
- Min. discernable temperature of 0.08°C
- Event alarm, Multi-language OSD
- IP66, RS-485, 24V AC

Dimensions

Unit : mm (inch)



Technical Specifications

	SCB-9080N/9060N	SCB-9080P/9060P
VIDEO		
Imaging Device	320(H) x 240(H) uncooled VOX microbolometer	
Sensor Pitch	23.5μm	
Measured Wavelength Range	8 ~ 14um, LWIR	
Video Ratio (Sensor)	30fps	25fps
Thermal Sensitivity (NETD)	80mK@F1.0	
Video Output	CVBS : 1.0 Vp-p / 75Ω composite, ITU-656 8bit digital output	
LENS		
Focal Length (Zoom Ratio)	50mm (Fixed) : SCB-9080, 14mm (Fixed) : SCB-9060	
Max. Aperture Ratio	1 : 1.4	
Angular Field of View (HxV)	8.6° x 6.5° : SCB-9080, 30° x 22.8° : SCB-9060	
Min. Object Distance	27m ~ ∞, Pan focus : SCB-9080, 3m ~ ∞, Pan focus : SCB-9060	
IFOV (Instantaneous Field of View)	0.47mrad : SCB-9051, 1.68mrad : SCB-9050	
Focus Control	Manual	
OPERATIONAL		
On Screen Display	Multi-language OSD (19 Languages) English, French, German, Spanish, Italian, Portuguese, Russian, Polish, Czech, Serbian, Swedish, Romanian, Danish, Turkish, Korean, Japanese, Chinese, Taiwanese, Thai	
NUC (Non-Uniformity Correction)	Auto / Manual	
Temperature Range	-40°C ~ +500°C (-40°F ~ +932°F)	
Digital AE	Bypass, Min / Max, Weight mode selectable	
Brightness	32 steps adjustable	
Sharpness	32 steps adjustable	
Contrast Enhancement	32 steps adjustable	
Digital Noise Reduction	2D / 3D adaptive DNR (Off / Low / Medium / High)	
Digital Zoom	Off / On, 1.1x ~ 4x selectable	
Temperature Display	Area adjustable 8 zone & position movable cross point	
ISOTherm	Isolated temperature display	
Pseudo Color	B/W, W/B, Color1, Color2 selectable	
Temp Indicator	Min / Max scene temperature with color bar	
Alarm	Temperature detection, 1 GPIO alarm output	
Communication	Coax (Pelco coaxitron compatible), RS-485	
Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	
ENVIRONMENTAL		
Operating Temperature / Humidity	-30°C ~ +55°C (-22°F ~ +131°F) / Less than 90% RH	
Ingress Protection	IP66 grade	
ELECTRICAL		
Input Voltage / Current	24V AC ±10%	
Power Consumption	Max. 10W / 30W (With heater)	
MECHANICAL		
Color / Material	Ivory / Aluminum	
Dimensions (WxHxD)	Ø104.0 x 123.0 x 323.3mm (Ø4.09" x 4.84" x 12.73")	
Weight	Approx. 1.8Kg (3.97 lb) : SCB-9080, Approx. 1.6Kg (3.53 lb) : SCB-9060	

* The latest product information / specification can be found at www.samsungsecurity.com